

## **X9008 – TELEPHONE ENTRY SYSTEM**

### **DESCRIPTION**

#### **X-1.1 General**

- a.** This work shall consist of furnishing and installing a telephone entry system as detailed on drawings. This work shall be installed at locations in accordance with the dimensions, design, and details shown in the Contract Documents.
- b.** Each and all items of the Telephone Entry System shall be listed as a product of a SINGLE manufacturer under the appropriate category by the Underwriters' Laboratory, Inc. (UL), and shall bear the "UI2 label. All items in the access control system shall be listed under UL 10-86. Partial listing shall NOT be acceptable.
- c.** The system controls shall be UL listed for Power Limited Applications per NEC 725. All circuits must be marked in accordance with NEC article 725-11.
- d.** The Contractor installing the access system shall have a minimum of ten years experience installing and testing similar systems. The Contractor shall have a 24-hour emergency response repair service. The Contractor shall have an office with complete support service within a 50-mile radius of the site.
- e.** Shop drawings shall be submitted as previously specified. Access control system shop drawings shall include, but not be limited to:
  - 1. System component description including manufacturer, catalog number, and UL listing.
  - 2. Complete wiring diagrams for system including system components furnished by others but wired to system. Wiring diagrams shall be job specific.
  - 3. List of recommended spare parts.

### **EQUIPMENT AND MATERIALS**

#### **X-2.1 Manufacturer**

- a.** Telephone Entry System shall be manufactured by LINEAR, or equal
- b.** Manufacturer shall have a minimum of five years experience in telephone entry systems.

#### **X-2.2 Equipment**

- a.** Telephone Entry System shall be a LINEAR model AE-500 with the following features:
  - 1. 2 to 4 digit directory code length
  - 2. Radio receiver and modem for computer programming
  - 3. Ability to accept transmitters and keypads as inputs
  - 4. battery back-up

### **CONSTRUCTION METHODS**

**X-3.1 General.** Furnish, install, and connect all equipment, materials, and incidentals necessary to place the telephone entry system in operation as a complete unit.